

# Top Driven Bottom Discharge



A Top-Driven Bottom Discharge Centrifuge is a vertical batch-type centrifuge where the drive motor is located at the top and the solids are discharged from the bottom using an automatic scraper or peeler mechanism.

## ADVANTAGES

- The top-mounted drive improves stability and reduces vibration through balanced design .
- The motor is easily accessible for maintenance and shielded from process materials.



VERTICAL BATCH TYPE	BASKET DIAMETER MM	BASKET DEPTH MM	WORKING CAPACITY LTS	STATIC WEIGHT KGS	ROTATION SPEED RPM	CENTRIFUGAL FORCE G	FILTRATION AREA SQ M	MOTOR POWER HP
TDBD 48	1220	760	467	6000	1000	682	2.91	30
TDBD 60	1524	760	760	7000	850	615	3.64	50
TDBD 60D	1524	1000	1000	10000	850	615	4.8	75

## DESIGN VARIATIONS

Body (Bottom Body Bolted, Single Shell Design, Full Body Opening)  
Lid Opening (Center, Half, D-Type, Full)  
Scraper (Single Motion, Dual Motion, Serrated, Knife Edge)  
Feeding (J-Type, Conical)

## MATERIAL OF CONSTRUCTION

SS (304/316/316L/904L), Hastelloy (C22/C276), Duplex Steel, with optional linings like Halar, Teflon, or rubber

